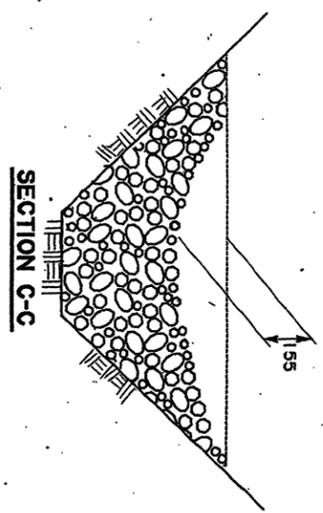


PLAN SHOWING TYPICAL TEMPORARY EROSION CONTROL

- MULCHES**
Mulches are the application of mats of material placed on the soil surface to prevent erosion by protecting the soil surface from wind and water erosion. Mulches can be organic or inorganic. Mulches shall be in accordance with Subsection 101B.19 of the LA DOTD Standard Specifications. A few guidelines are:
1. Use on cut and embankment slopes which have not been completed to plan grade.
 2. Use on cleared, grubbed, and scaped areas where soil erosion is likely to occur.
 3. Use with temporary seeding.

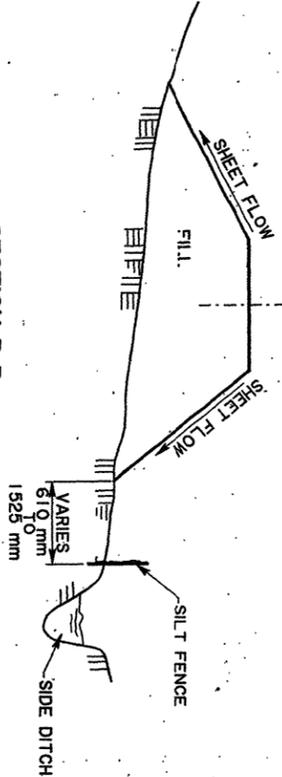
TEMPORARY SEDIMENT CHECK DAM (STONE)

PAY ITEM: 204(05)(B), TEMPORARY SEDIMENT CHECK DAM (STONE)



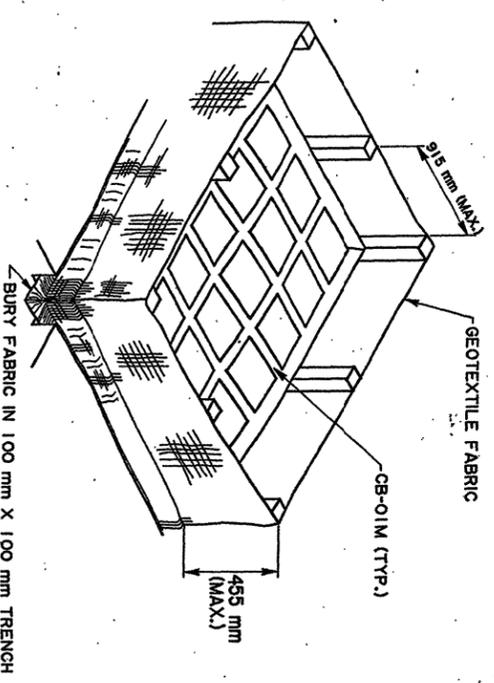
- NOTES:**
A stone check dam is a small temporary dam constructed across a swale or drainage ditch. The purpose of this measure is to reduce the velocity of concentrated stormwater flows, thereby reducing erosion of the swale or ditch. The stone check dam will trap small amounts of sediments generated in the ditch itself, however it should not be used as a sediment trapping device. A few basic design guidelines for the use of Stone Check Dams are:
1. Use in small open channels which drain 4.0 hectares or less.
 2. Do not use in a live stream.
 3. Use in a temporary ditch or swale which, because of their short length of service, cannot receive a non-erodible lining.
 4. Use in permanent ditches or swales which will not receive a permanent lining for an extended period of time.
 5. Use in temporary or permanent ditches or swales which need protection during the establishment of grass linings.
 6. For stone specifications see subsection 711.02(a)(Class 1kg) of the LA DOTD Standard Specifications.

SECTION B-B

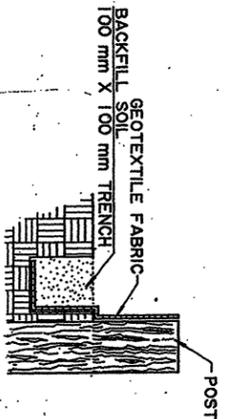


TEMPORARY SILT FENCE APPLICATION
(FOR CONSTRUCTION DETAILS AND SPECIFICATIONS SEE SHEET 2 OF 2.)

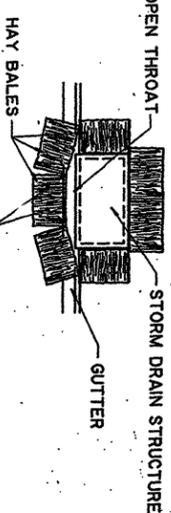
ISOMETRIC VIEW SHOWING GEOTEXTILE FABRIC
(BACKFILL SOIL NOT SHOWN)



SECTION THRU TRENCH SHOWING GEOTEXTILE FABRIC



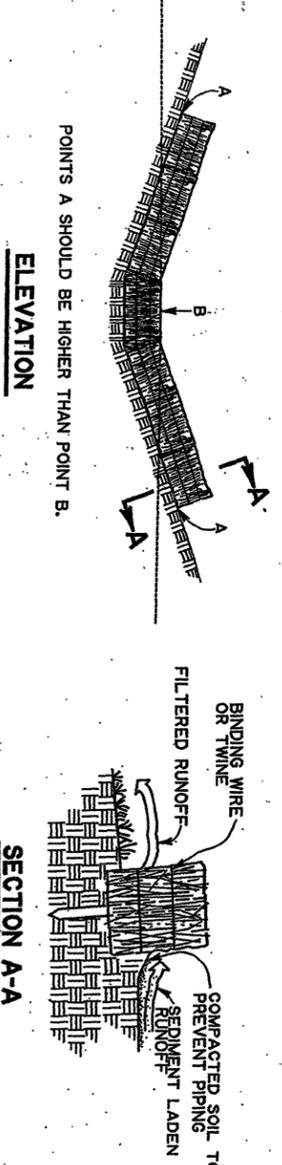
TEMPORARY INLET SILT TRAP



PAY ITEM: 204(02), TEMPORARY INLET SILT TRAP

TEMPORARY SEDIMENT CHECK DAM (HAY)

TEMPORARY SEDIMENT CHECK DAM (HAY)
PAY ITEM: 204(05)(A), TEMPORARY SEDIMENT CHECK DAM (HAY)



- NOTES:**
A hay bale barrier is a temporary sediment barrier consisting of a row of entrenched and anchored bales of straw or hay. The hay bale barrier is also used as a check dam to reduce the velocity in small ditches or swales. The hay bales shall be in accordance with LA DOTD Standard Specifications, Section 204. A few basic design guidelines for the use of a Hay Bale Barrier are:
1. Use where erosion would occur in the form of sheet and rill erosion.
 2. Use in minor swales or ditches where the maximum drainage area is 0.8 hectares.
 3. Only use where the effectiveness is required for less than 3 months.
 4. Do not use in live streams or in swales or ditches where there is a possibility of a washout.

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

DESIGNED	JCM	HYDRAULICS SECTION		TEMPORARY EROSION CONTROL DETAILS STANDARD PLAN EC-01M		PARISH	
CHECKED	KAJ					FEDERAL PROJECT	
DATE	3-1-97	DATE	3-1-97	STATE PROJECT			
BY	WMR	APPROVED					
APPROVED		DATE					
REVISION DESCRIPTION		DATE					
APPROVED BY		DATE					
APPROVED BY: _____ CHIEF ENGINEER Original Signed by Chief Engineer							